UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,310,623 B2 Page 1 of 1

APPLICATION NO.: 10/734713

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INVENTOR(S) : Raymond G. Beausoleil et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 3, line 64, after " U_1 " delete " $\hat{\mathbf{X}}$ " and insert -- \otimes --, therefor.

In column 3, line 64, before " U_n " delete " $\hat{\mathbf{X}}$ " and insert -- \otimes --, therefor.

In column 3, line 65, after "U₁" delete " $\mathbf{\hat{X}}$ " and insert -- \otimes --, therefor.

In column 3, line 66, before " U_n " delete " $\hat{\mathbf{X}}$ " and insert -- \otimes --, therefor.

In column 4, line 65, after "250." delete "p".

In column 5, line 4, before " $|0>_2$ " delete "+" and insert -- x --, therefor.

In column 7, line 2, after "state" delete " $|>_1$ " and insert -- $|0>_1$ --, therefor.

In column 9, line 65, delete "+" and insert -- x --, therefor.

Signed and Sealed this

Fourteenth Day of July, 2009

John Ooll

JOHN DOLL
Acting Director of the United States Patent and Trademark Office